

Table S3: Quartiles of force variables of sample by type of Multiple Sclerosis and gender.

	Male									Female								
	PP			RR			SP			PP			RR			SP		
	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3
1RM Bil.	63.0	87.5	113.0	83.2	90.0	114.0	53.5	75.0	97.5	42.0	55.0	67.0	47.3	59.5	75.0	42.3	47.0	63.2
1RM Righth	31.0	41.0	52.0	33.0	48.0	58.2	45.5	50.0	62.0	16.0	20.0	27.0	21.0	28.0	38.0	22.0	25.0	26.0
1RM Left	28.7	47.5	64.0	35.2	49.5	60.2	46.0	50.0	62.0	17.0	29.0	36.0	22.0	29.0	38.0	16.7	20.0	29.5
IMVIC Bil.	75.4	96.0	114.0	86.4	100.5	128.0	54.6	82.0	108.2	46.0	55.6	65.1	53.7	66.1	77.3	40.0	50.2	64.7
MVIC Righth	41.0	45.0	51.4	39.5	46.7	57.9	24.4	37.3	51.1	18.6	27.3	32.2	27.2	31.9	39.7	20.0	28.0	33.0
MVIC Left	37.3	54.0	61.0	35.1	49.1	60.9	27.4	39.3	51.8	21.7	27.1	30.5	26.0	31.5	39.7	17.8	24.0	31.1
Asymmetry 1RM	0.0	16	29.1	0.0	1.8	17.9	0.0	3.9	9.1	5.4	22.9	36	0.0	0.0	10.8	0.0	8.3	14.7
Asymmetry MVIC	2.3	24.2	31.8	7.1	14.9	25	11.8	26.6	38.5	10	22.8	31.1	4.9	10.2	20.9	11.6	26.2	35.1

Table S4: Quartiles of force variables of sample by EDSS degree and gender.

	Male									Female								
	Mild			Moderate			Severe			Mild			Moderate			Severe		
	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3
1RM Bil.	85.0	90.0	115.5	66.5	82.0	112.5	51.7	75.5	92.5	55.5	64.0	80.0	43.0	50.0	67.0	28.0	47.0	61.0
1RM Righth	42.2	52.5	66.2	37.2	47.0	58.0	22.7	38.0	52.2	25.0	28.0	38.0	19.0	21.5	35.0	16.0	25.0	26.7
1RM Left	45.2	53.5	66.2	30.2	52.5	65.7	21.0	31.0	50.0	25.0	32.0	37.7	18.7	23.5	33.5	18.7	25.0	32.5
IMVIC Bil.	94.5	109.4	129.0	74.0	102.5	128.8	55.5	80.1	95.5	65.0	72.0	86.7	45.9	56.4	66.3	32.7	50.3	61.1
MVIC Righth	42.2	51.0	66.0	39.0	46.2	53.7	23.5	36.0	44.0	30.4	34.5	42.6	23.0	28.4	32.0	14.6	21.5	29.3
MVIC Left	46.5	52.8	61.0	33.3	50.0	62.4	27.9	38.7	42.9	28.1	33.0	42.3	20.6	26.7	32.9	24.3	25.8	29.3
Asymmetry 1RM	0.0	9.8	21.2	0.0	4.6	26.5	0	1.5	3.6	0.0	4.8	10.7	0.0	5.2	9.1	0.0	23.2	31.9
Asymmetry MVIC	8.8	16.8	26.2	5.4	15.5	28.1	7.8	25.1	44.4	4.4	7.3	18.8	7.8	17	30.6	14.8	25	32.3

The strength is expressed in kilogram\_force (Kg\_f). MVIC= maximal voluntary isometric contraction; 1RM= one repetition maximum; Bil.= bilateral; asymmetry is indicated in %; SD = standard deviation; Max = maximum value; Min = minimum value. PP = Primary-Progressive; RR = Relapsing-Remitting; SP = Secondary-Progressive. Asymmetry is indicated in percentage values.